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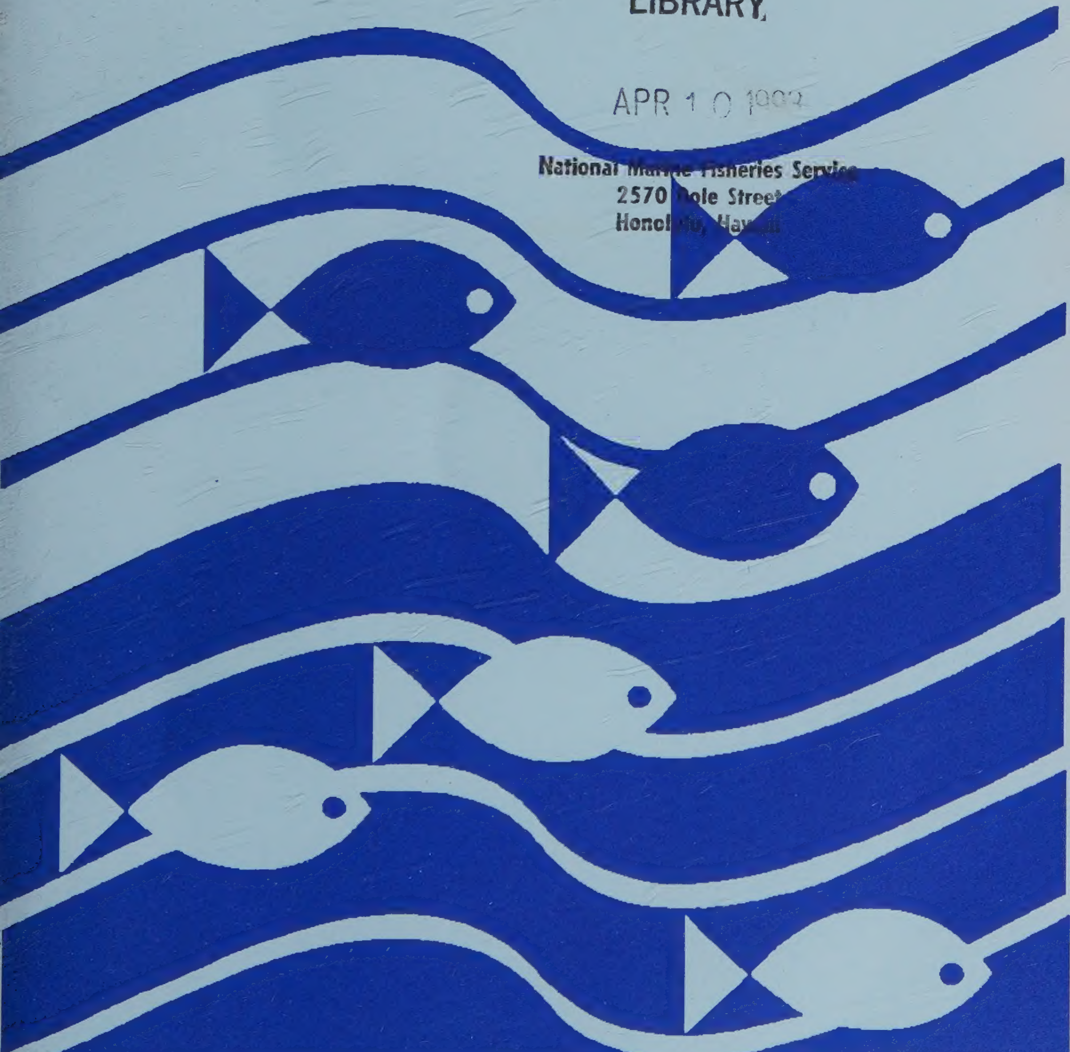

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[Soumen Kalankasvattajaliitto ry, Cygnaeuksenkatu 5, 40100 Jyvaskyla, Finland]

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[Davidson: Dep. Biochem., Memorial Univ. Newfoundland, St. John's, NF, Canada A1B 3X9] *Salmo salar x S. trutta.*

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[Fish. Agency, 1-2-1 Kasumigaseki, Chiyoda-ku, Tokyo 100, Japan] *Oncorhynchus mykiss, O. kisutch, O. gorbuscha,* and *Salmo salar.*

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[Stock Manage. Sect., Hokkaido Salmon Hatchery, Fish. Agency, 2-2 Nakanoshima, Toyohira-ku, Sapporo 062, Japan] *Oncorhynchus keta.*

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[Dep. Fish. & Wildl., VPI&SU, Blacksburg, VA 24061] *Morone saxatilis* x *M. chrysops* and *M. mississippiensis* x *M. saxatilis.*

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[Old Dominion Univ., Norfolk, VA 23529] *Morone saxatilis* x *M. chrysops.*

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[Coop. Fish & Wildl. Res. Unit, 210 Biol. Sci. E., Univ. Ariz., Tucson 85721] *Tilapia aurea* and *Ictalurus punctatus.*

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[SEAFDEC/AQD, P.O. Box 256, Iloilo City 5000, Philippines] *Chanos chanos.*

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[Inst. Mar. Sci., Coll. William & Mary, Gloucester Point, VA 23062] *Tetrapturus audax* in the Pacific Ocean, *T. albidus* in the Atlantic Ocean, *Makaira nigricans* and *Istiophorus platypterus* in the Atlantic and Pacific Oceans.

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[Schartl: Dep. Physiol. Chem. I, Biocent., Univ. Wurzburg, Am Hubland, W-8700 Wurzburg, Germany] *Oncorhynchus mykiss.*

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[Kamaishi Inst., Mar. Biotechnol. Inst. Co., Ltd., Heita, Kamaishi, Iwate 026, Japan] *Oryzias latipes.*

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[Dep. Fish. Sci., Fac. Agric., Tohoku Univ., Sendai, Miyagi 981, Japan] *Oncorhynchus masou masou* and *O. macrostomus.*

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[Beaumont: School Ocean Sci., Univ. Coll. North Wales, Menai Bridge, Gwynedd LL59 5EY, Wales]

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[Fish. Res. Lab. & Dep. Zool., South. Ill. Univ., Carbondale 62901-6511] *Tilapia mossambica* x *T. nilotica.*

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[Kohler: Fish. Res. Lab. & Dep. Zool., South. Ill. Univ., Carbondale 62901-6511] *Tilapia mossambica* x *T. nilotica.*

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[Grad. Cent. Toxicol., 204 Funkhouser Bldg., Univ. Ky., Lexington 40506-0054]

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[I. M. Vavilov Inst. Gen. Genet., Russian Acad. Sci. Moscow, Russia]

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[Inst. Mar. Sci., Coll. William & Mary, Gloucester Point, VA 23062] *Thunnus albacares.*

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[Inst. Mar. Res., Div. Aquacult., P.O. Box 1870, Nordnes, N-5024 Bergen, Norway] *Salmo trutta.*

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93-000763 Tave, Douglas. IMPROVING WEIGHT IN RAINBOW TROUT BY SELECTION. *Aquacult. Mag.* 18(6):75-77. 1992. FR 38(1)
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[Fac. Agric., Kinki Univ., Nakamachi, Nara 631, Japan] *G. elongatus, G. caerulescens, S. chankaensis biwae, S. japonicus japonicus,* and *S. gracilis gracilis.*

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[Beacham: Dep. Fish. & Oceans, Biol. Sci. Branch, Pac. Biol. Stn., Nanaimo, BC, Canada V9R 5K6] *Oncorhynchus gorbuscha* in Canada and the USSR.

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[Lemos: Dep. Microbiol. & Parasitol., Univ. Santiago Compostela, Campus Lugo, E-27002 Lugo, Spain] *Scophthalmus maximus.*

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[Fac. Fish. & Mar. Sci., Univ. Pertanian Malaysia, 43400 Serdang, Selangor, Malaysia] *Lates calcarifer.*

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[U.S. Fish & Wildl. Serv., Southeast. Fish Cultural Lab., Rt. 3, Box 86, Marion, AL 36756] *Ictalurus punctatus* in the United States.

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[Dep. Vet. Sci., La. State Univ. Agric. Exp. Stn., Baton Rouge 70803] *Ictalurus punctatus.*

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[Lab. Biol. Comp. Protistes (URA CNRS No. 138), Univ. Blaise Pascal, 63117 Aubiere Cedex, France] *Dicentrarchus labrax, Oncorhynchus mykiss,* and *Scophthalmus maximus.*

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[Aoki: Dep. Biol. Resour., Fac. Agric., Miyazaki Univ., Miyazaki 889-21, Japan] *Seriola quinqueradiata* in Japan.

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[Dep. Biol. Resour., Fac. Agric., Miyazaki Univ., Gakuen-Kibanadai-Nishi, Miyazaki 889-21, Japan] *Plecoglossus altivelis.*

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[Aquacult. Res. Cent., Ky. State Univ., Frankfort 40601] *Ictalurus punctatus.*

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[Inst. Parasitol., Czech Acad. Sci., Branisouska 31, 37005 Ceske Budejovice, Czechoslovakia] *Cyprinus carpio.*

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[Inst. Zool. & Hydrobiol., Univ. Munich, Kaulbachstr. 37, W-8000 Munchen 22, Germany]

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[Sanmartin: Dep. Microbiol. & Parasitol., Fac. Farmacia, Univ. Santiago Compostela, E-15706 Santiago Compostela, Spain]

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[Dep. Fish., Fac. Agric., Univ. Tokyo, Yayoi, Bunkyo-ku, Tokyo 113, Japan]

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[Vet. Med. Res. Inst., Hungarian Acad. Sci., P.O. Box 18, H-1581 Budapest, Hungary] *Corydoras schultzei, Barbus tetrazona*, and *Carassius auratus.*

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[Woo: Dep. Zool., Univ. Guelph, Guelph, ON, Canada N1G 2W1]

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[Res. Div., Hokkaido Salmon Hatchery, Fish. Agency Japan, 2-2 Nakanoshima, Toyohira-ku, Sapporo 062, Japan] *Oncorhynchus masou* and *O. gorbuscha* in Japan.

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[Res. Div., Hokkaido Salmon Hatchery, Fish. Agency Japan, 2-2 Nakanoshima, Toyohira-ku, Sapporo 062, Japan] *Oncorhynchus masou, O. gorbuscha, O. nerka*, and *O. keta.*

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[Dep. Microbiol. & Parasitol., Fac. Biol., Univ. Santiago, 15706 Santiago Compostela, Spain] *Salmo salar, Scophthalmus maximus, Osmerus mordax,* and *Morone saxatilis.*

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[Unite Virus Poissons, Lab. Virol. Immunol. Mol., I.N.R.A., Cent. Rech. Jouy-en-Josas, 78352 Jouy-en-Josas Cedex, France] *Oncorhynchus mykiss.*

93-001335 Foott, J. S.; A. Miller; R. Steiner and R. P. Hedrick. ERYTHROCYTIC INCLUSION BODY SYNDROME (EIBS) INFECTION OF CHINOOK SALMON IN IDAHO. *J. Aquat. Anim. Health* 4(4):306-308. 1992. FR 38(1)

[Fish Health Cent., U.S. Fish & Wildl. Serv., Rt. 1, Box 2105, Anderson, CA 96007] *Oncorhynchus tshawytscha.*

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[Dep. Med., Univ. Calif., Davis 95616] *Perca fluviatilis* in Australia, *Ameiurus melas* in France, and *Siluris glanus* in Germany.

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[Fryer: Dep. Microbiol., Oreg. State Univ., Nash Hall 220, Corvallis 97331-3804]

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[Dep. Microbiol., Oreg. State Univ., Nash Hall 220, Corvallis 97331-3804] *Ophicephalus striatus.*

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[Dep. Aquat. Biosci., Tokyo Univ. Fish., Konan 4, Minato-ku, Tokyo 108, Japan] *Oncorhynchus kisutch, O. keta, O. mykiss,* and *O. masou.*

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[Bosch: Dep. Microbiol., Univ. Barcelona, 08028 Barcelona, Spain]

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[Rohovec: Lab. Fish Dis. Res., Dep. Microbiol., Oreg. State Univ., Corvallis 97331-3804] *Oncorhynchus kisutch*.

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[R.R. 7, Site 12A, Comp A1, Vernon, BC, Canada V1T 7Z3] *Oncorhynchus mykiss* and *O. tshawytscha*.

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[Combes: Lab. Biol. Anim., Cent. Biol. & Ecol. Trop. & Mediterraneene, University, 66860 Perpignan, France] *Diplodus sargus, D. vulgaris, Lithognathus mormyrus, Pagellus erythrinus, Boops boops,* and *Oblata melanura.*

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[Zool. Inst., Lab. Ecol. & Aquacult., Catholic Univ. Leuven, Naamsestr. 59, B-3000 Leuven, Belgium] Data for 24 species.

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[Lab. Parasitol. Comp. (URA 698-CNRS), Univ. Montpellier II, Pl. E. Bataillon, Case 105, F-34095, Montpellier Cedex 5, France] *Trisopterus luscus* and *T. minutus minutus.*

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[Dir. Gen. Pesca, Com. Comunidades Europeas, Despacho 7/10, 99 rue Joseph II, 1049 Brussels, Belgium] *Sebastes mentella.*

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[Schartl: Biocent., Dep. Physiol. Chem. I, Univ. Wurzburg, Am Hubland, D-8700 Wurzburg, Germany]

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[W. Stefanski Inst. Parasitol., Polish Acad. Sci., ul. Pasteura 3, s.p. 153, 00-973 Warsaw, Poland] *Champsocephalus gunnari, Notothenia neglecta, N. rossii, N. angustifrons, N. nudifrons, Parachaenichthys bernacchii, P. hansoni,* and *P. georgianus* in Antarctica.

POLLUTION

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[Dep. Biol. & Environ. Sci., California Univ., 250 University Ave., California, PA 15419-1394] *Campostoma anomalum, Catostomus commersoni, Etheostoma blennioides, E. caeruleum, Hypentelium nigricans, Noturus flavus, Micropterus dolomieu, Notropis atherinoides*, and *Pimephales notatus* in Pennsylvania.

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[Dep. Fish. & Wildl. Sci., VPI&SU, Blacksburg, VA 24061-0321] *Cyprinella spiloptera.*

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[Dep. Earth Resour., Colo. State Univ., Fort Collins 80523] *Gila cypha, G. elegans, Ptychocheilus lucius,* and *Xyrauchen texanus* in North America.

FARM POND AND SMALL IMPOUNDMENT MANAGEMENT AND RESEARCH

93-001884 Bedwell, Jack E. THIS FISH EATS MOSQUITOES. *Farm Pond Harvest* 26(4):5. 1992. FR 38(1)

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93-001885 Caudle, Christopher S. POPULATION DYNAMICS OF THE FISH FAUNA FOUND IN THREE EARTHEN PONDS ON NORTH PADRE ISLAND, TEXAS. *M.S. thesis, Southwest Tex. State Univ.* 1992. FR 38(1)

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[Dep. Biol., Univ. Joensuu, P.O. Box 111, SF-80101 Joensuu, Finland] *Carassius carassius* in Finland.

93-001887 Isaak, Daniel J.; Tracy D. Hill and David W. Willis. COMPARISON OF SIZE STRUCTURE AND CATCH RATE FOR LARGEMOUTH BASS SAMPLES COLLECTED BY ELECTROFISHING AND ANGLING. *Prairie Nat.* 24(2):89-96. 1992. FR 38(1)

[Coop. Fish & Wildl. Res. Unit, Univ. Idaho, Moscow 83843] *Micropterus salmoides* in South Dakota.

93-001888 Lewkowicz, Maria and Stanislaw Lawkowicz. EFFECT OF BIGHEAD CARP (*ARISTICHTHYS NOBILIS* RICH.) STOCKING ON ZOOPLANKTON AND SOME PARAMETERS OF ORGANIC CARBON CYCLING IN CARP PONDS. *Acta Hydrobiol.* 33(1/2):115-133. 1991. In English with Polish summ. FR 38(1)

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93-001890 Pechar, Libor. WATER BLOOMS OF *APHANIZOMENON FLOS-AQUAE*: AN ECOLOGICAL STUDY OF FISH POND POPULATIONS. *Arch. Hydrobiol. (Suppl.)* 90(3):339-418. 1992. In English with German summ. FR 38(1)

[Czechoslovak Acad. Sci., Inst. Bot., Sect. Plant Ecol., Dukelska 145, CS-379 82 Trebon, Czechoslovakia]

93-001891 Wischnath, Lothar. FISHES FOR THE GARDEN POND. *Trop. Fish Hobbyist* 40(10):124-126, 128, 130-133. 1992. FR 38(1)

Carassius auratus, Rhodeus sericeus, Cyprinus carpio, Leuciscus idus, Umbra pygmaea, Tinca tinca, and *Gobio gobio.*

FARM POND AND SMALL IMPOUNDMENT MANAGEMENT AND RESEARCH (Continued)

93-001892 Wright, R. M. and V. E. Phillips. CHANGES IN THE AQUATIC VEGETATION OF TWO GRAVEL PIT LAKES AFTER REDUCING THE FISH POPULATION DENSITY. *Aquat. Bot.* 43(1):43-49. 1992. FR 38(1)

[Phillips: Game Conserv./ARC Wildfowl Cent., Great Linford, Milton Keynes MK14 4HZ, England] *Esox lucius, Abramis brama, Rutilus rutilus, Tinca tinca*, and *Perca fluviatilis*.

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[Environ. Sci. Div., S. Fla. Water Manage. Dist., P.O. Box 24680, West Palm Beach 33416-4680]

93-001894 Bryant, Gregory J. DIRECT OBSERVATIONS OF LARGEMOUTH AND SMALLMOUTH BASS IN RESPONSE TO VARIOUS BRUSH STRUCTURE DESIGNS IN RUTH RESERVOIR, CALIFORNIA. *U.S. For. Serv. Fish Habitat Relationship Tech. Bull.* No. 10. 13p. 1992. FR 38(1)

Micropterus salmoides and *M. dolomieu*.

93-001895 Chandrasoma, J. PERFORMANCE OF ROHU, *LABEO ROHITA* (HAM.), IN SOME PERENNIAL AND SEASONAL RESERVOIRS OF SRI LANKA - AN EVALUATION. *J. Appl. Ichthyol.* 8(1-4):228-233. 1992. In English with German summ. FR 38(1)

[Inland Fish. Div., Minist. Fish. & Aquat. Resour., New Secretariat, Maligawatta, Colombo 10, Sri Lanka]

93-001896 DeLain, Lynn Ione. LIMNOLOGICAL CONDITIONS OF LAKE DAVIS, CALIFORNIA WITH EMPHASIS ON HABITAT SUITABILITY FOR SALMONIDS. *M.S. thesis, Univ. Calif. (Berkeley)* 100p. 1983. FR 38(1)

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93-001897 Duffy, James J. POPULATION STRUCTURE AND RELATIVE ABUNDANCE OF ZOOPLANKTON AND JUVENILE BLUEGILL IN DIFFERENT AQUATIC MACROPHYTE ASSEMBLAGES. *M.S. thesis, Miss. State Univ.* 72p. 1992. FR 38(1)

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93-001898 Hubert, Wayne A. and Daniel T. O'Shea. USE OF SPATIAL RESOURCES BY FISHES IN GRAYROCKS RESERVOIR, WYOMING. *J. Freshwater Ecol.* 7(2):219-225. 1992. FR 38(1)

[U.S. Fish & Wildl. Serv., Coop. Fish & Wildl. Res. Unit, Univ. Wyo., Laramie 82071] *Carpiodes cyprinus, Cyprinus carpio, Stizostedion vitreum, Dorosoma cepedianum, Moxostoma macrolepidotum, Ictalurus punctatus*, and *Perca flavescens*.

93-001899 Hubert, Wayne A. and Paula M. Guenther. NON-SALMONID FISHES AND MORPHOEDAPHIC FEATURES AFFECT ABUNDANCE OF TROUTS IN WYOMING RESERVOIRS. *Northwest Sci.* 66(4):224-228. 1992. FR 38(1)

[U.S. Fish & Wildl. Serv., Coop. Fish & Wildl. Res. Unit, Univ. Wyo., Laramie 82071] *Oncorhynchus mykiss, O. clarki, Salmo trutta, Salvelinus fontinalis, Catostomus commersoni, C. catostomus*, and *Perca flavescens*.

93-001900 Jellyman, Don. LAKE DUNSTAN - IT'S BEEN A LONG TIME COMING. *Freshwater Catch* No. 49. p. 7-8. 1992. FR 38(1)

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93-001901 Kelso, John and Gavin James. LAKE RUATANIWHA SOCKEYE SALMON - WHENCE DO THEY COME? *Freshwater Catch* No. 49. p. 12-13. 1992. FR 38(1)

[Freshwater Fish. Cent., Christchurch, New Zealand] *Oncorhynchus nerka* in New Zealand.

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[Esch: Dep. Fish. & Oceans, Maurice Lamontagne Inst., C.P. 1000, Mont-Joli, PQ, Canada G5H 3Z4] *Cyprinella lutrensis, Pimephales promelas*, and *Gambusia affinis* in North Carolina.

93-001903 Mueller, Gordon. THE NATIVE FISH WORK GROUP - A MULTIAGENCY ENDEAVOR TO IMPROVE THE STATUS OF THE RAZORBACK SUCKER IN LAKE MOHAVE, AZ-NV. *Proc. Desert Fishes Counc.* Vol. 23. p. 69. 1992. Abstract only. FR 38(1)

[Bur. Reclam., Denver, CO] *Xyrauchen texanus*.

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93-001905 Blamey, Russell. ECONOMICS AND THE EVALUATION OF COASTAL WETLANDS. *Queensl. Dep. Primary Ind. Inf. Ser.* QI92015. 141p. 1992. FR 38(1)
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93-001907 Grimes, Churchill B.; Douglas A. DeVries and Kathy L. Lang. DISTRIBUTION, GROWTH AND MORTALITY OF THREE SPECIES OF SCOMBRID LARVAE AROUND THE MISSISSIPPI RIVER DISCHARGE PLUME. *Proc. Annu. Tuna Conf.* No. 42. p. 12. 1991. Abstract only. FR 38(1)
[NMFS, Southeast Fish. Cent., 3500 Delwood Beach Rd., Panama City, FL 32408] *Scomberomorus cavalla, S. maculatus,* and *Thunnus albacares.*

93-001908 Hair, C. A. and J. D. Bell. EFFECTS OF ENHANCING PONTOONS ON ABUNDANCE OF FISH: INITIAL EXPERIMENTS IN ESTUARIES. *Bull. Mar. Sci.* 51(1):30-36. 1992. FR 38(1)
[Fish. Res. Inst., P.O. Box 21, Cronulla, N.S.W. 2230, Australia] Data for 13 species in Australia.

93-001909 McLusky, Donald S.; David M. Bryant and Michael Elliott. THE IMPACT OF LAND-CLAIM ON MACROBENTHOS, FISH AND SHOREBIRDS ON THE FORTH ESTUARY, EASTERN SCOTLAND. *Aquat. Conserv. Mar. Freshwater Ecosyst.* 2(3):211-222. 1992. FR 38(1)
[Dep. Biol. & Mol. Sci., Univ. Stirling, Stirling FK9 4LA, Scotland]

93-001910 Moertle, Randal J. A TRAWL AND WING NET STUDY OF THE ICHTHYOFAUNA OF THE CAMINADA BAY ESTUARINE SYSTEM, LOUISIANA. *M.S. thesis, La. State Univ.* 120p. 1976. FR 38(1)

93-001911 Morin, Bernard; Christiane Hudon and Frederick G. Whoriskey. ENVIRONMENTAL INFLUENCES ON SEASONAL DISTRIBUTION OF COASTAL AND ESTUARINE FISH ASSEMBLAGES AT WEMINDJI, EASTERN JAMES BAY. *Environ. Biol. Fishes* 35(3):219-229. 1992. FR 38(1)
[Dep. Fish. & Oceans, Maurice Lamontagne Inst., P.O. Box 1000, Mont-Joli, PQ, Canada G5H 3Z4] *Lumpenus fabricii, Coregonus artedi, C. clupeaformis, Myoxocephalus scorpius, M. scorpioides, M. quadricornis,* and *Gadus ogac* in Canada.

93-001912 Murphy, Sean Charles. THE ECOLOGY OF ESTUARINE FISHES IN SOUTHERN MAINE HIGH SALT MARSHES; ACCESS CORRIDORS AND MOVEMENT PATTERNS. *M.S. thesis, Univ. Mass.* 1991. FR 38(1)
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93-001913 Plumstead, E. E.; J. F. Prinsloo and H. J. Schoonbee. A SURVEY OF THE FISH FAUNA OF TRANSKEI ESTUARIES. PART FOUR: THE MNTAFUFU AND MZAMBA RIVER ESTUARIES. *S. Afr. J. Zool.* 26(4):153-163. 1991. In English with Afrikaans summ. FR 38(1)
[Dep. Zool., Univ. Transkei, Private Bag X1, Unitra, Umtata, Republic of Transkei] Data for 42 species in South Africa.

93-001914 Quinn, R. H. FISHERIES RESOURCES OF THE MORETON BAY REGION. *Queensl. Fish Manage. Authority* 52p. 1992. FR 38(1)
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93-001915 Raffaelli, Dave. CONSERVATION OF SCOTTISH ESTUARIES. *Proc. R. Soc. Edinb. Sect. B (Biol. Sci.)* Vol. 100. p. 55-76. 1992. FR 38(1)
[Culterty Field Stn., Univ. Aberdeen, Newburgh, Ellon, Aberdeenshire AB4 0AA, Scotland]

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[Gulf Coast Res. Lab., 703 E. Beach Dr., P.O. Box 7000, Ocean Springs, MS 39564-7000] *Anchoa mitchilli* and *Brevoortia patronus.*

93-001917 Rogers, Donna R.; Barton D. Rogers and William H. Herke. EFFECTS OF A MARSH MANAGEMENT PLAN ON FISHERY COMMUNITIES IN COASTAL LOUISIANA. *Wetlands* 12(1):53-62. 1992. FR 38(1)
[Coop. Fish & Wildl. Res. Unit, La. State Univ. Agric. Cent., Baton Rouge 70803-6202] *Heterandria formosa, Gambusia affinis, Fundulus chrysotus, Brevoortia patronus,* and *Mugil cephalus.*

93-001918 Rulifson, Roger A. FINFISH UTILIZATION OF MAN-INITIATED AND ADJACENT NATURAL CREEKS OF SOUTH CREEK ESTUARY, NORTH CAROLINA USING MULTIPLE GEAR TYPES. *Estuaries* 14(4):447-464. 1991. FR 38(1)
[Inst. Coastal & Mar. Resour., Dep. Biol., E. Carolina Univ., Greenville, NC 27858-4353] Data for 48 species.

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93-001919 Avaria, Sergio and Pablo Munoz. [PHYTOPLANKTON OF SPAWNING AREA OF HAKE OFF THE CENTRAL COAST OF CHILE.] *Rev. Biol. Mar.* 26(1):161-190. 1991. In Spanish with English summ. FR 38(1)
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93-001920 Balanov, A. A. and E. N. Il'inskii. SPECIES COMPOSITION AND BIOMASS OF MESOPELAGIC FISHES IN THE SEA OF OKHOTSK AND THE BERING SEA. *J. Ichthyol. (Engl. Transl. Vopr. Ikhtiol.)* 32(4):85-93. 1992. FR 38(1)
[Inst. Mar. Biol., Far East Div., USSR Acad. Sci., Vladivostok, Pac. Res. Inst. Fish. & Oceanogr., Vladivostok, USSR] Data for 62 species.

93-001921 Baxter, J. M. and J. G. Munford. TOWARDS A MARINE NATURE CONSERVATION STRATEGY. *Proc. R. Soc. Edinb. Sect. B (Biol. Sci.)* Vol. 100. p. 185-194. 1992. FR 38(1)
[Scottish Nat. Heritage, Res. & Advisory Dir., 2 Anderson Pl., Edinburgh EH6 5NP, Scotland]

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93-001923 Bendik, A. B. [NATURAL PECULIARITIES OF COMMERCIAL FISH AGGREGATIONS FORMATION IN THE OPEN PERUVIAN AREA DURING WINTER AND SPRING OF 1989 AND TRENDS OF OCEAN PROCESSES DEVELOPMENT.] *Atl. Sci. Res. Inst. Mar. Fish. Oceanogr. Coll. Sci. Pap.* p. 81-86. 1991. In Russian with English summ. FR 38(1)
Trachurus symmetricus murphyi and *Sardinops caerula.*

93-001924 Bochenek, Eleanor A. and Jon A. Lucy. CATCH TRENDS IN VIRGINIA'S RECREATIONAL BLUEFIN TUNA FISHERY FOR 1983-1989. *Proc. Annu. Tuna Conf.* No. 42. p. 23. 1991. Abstract only. FR 38(1)
[Sea Grant & Rutgers Coop. Ext., 1623 Whitesville Rd., Toms River, NJ 08755] *Thunnus thynnus.*

93-001925 Bracken, Barry E. THE HISTORY OF THE U.S. SABLEFISH FISHERY IN THE GULF OF ALASKA, 1906-1982. *Alsk. Sea Grant Rep.* No. 83-8. p. 41-47. 1983. FR 38(1)
[Dep. Fish & Game, Box 667, Petersburg, AK 99833] *Anoplopoma fimbria.*

93-001926 Bracken, Barry. THE HISTORY OF THE ROCKFISH FISHERIES IN ALASKAN WATERS. *Alsk. Sea Grant Rep.* No. 87-2. p. 51-59. 1987. FR 38(1)
[Dep. Fish & Game, P.O. Box 667, Petersburg, AK 99833] *Sebastes* and *Sebastolobus.*

93-001927 Brattstrom, Hans. MARINE BIOLOGICAL INVESTIGATIONS IN THE BAHAMAS: 22. LITTORAL ZONATION AT THREE BAHAMIAN BEACHROCK LOCALITIES. *Sarsia* 77(2):81-109. 1992. FR 38(1)
[Professorveien 10, N-5032 Minde, Norway]

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[NMFS, Auke Bay Lab., P.O. Box 210155, Auke Bay, AK 99821] *Sebastes flavidus* in Alaska.

93-001929 Chiu, Tai-Sheng and Pey-Yi Lee. INITIAL ICHTHYOPLANKTON STUDIES IN THE KUROSHIO EDGE EXCHANGE AREA. *Bull. Inst. Zool. Acad. Sci. (Taipei)* 30(4):261-272. 1991. In English with Chinese summ. FR 38(1)
[Dep. Zool., Natl. Taiwan Univ., Taipei 10764, Taiwan]

93-001930 Churchill, R. R. EC FISHERIES AND AN EZ - EASY. *Ocean Dev. Int. Law* 23(2-3):145-163. 1992. FR 38(1)
[Cardiff Law School, Univ. Wales, Cardiff CF1 1XD, Wales]

93-001931 Coles, R. G.; W. J. Lee Long; S. A. Helmke; R. E. Bennett; K. J. Miller and K. J. Derbyshire. SEAGRASS BEDS AND JUVENILE PRAWN AND FISH NURSERY GROUNDS: CAIRNS TO BOWEN. *Queensl. Dep. Primary Ind. Inf. Ser.* QI92012. 64p. 1992. FR 38(1)
[Fish. Div., Dep. Primary Ind., GPO Box 46, Brisbane, Qld. 4001, Australia]

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[Dep. Fish., 331 State Hwy. 12, Montesano, WA 98563]

93-001933 Des Rochers, Kim. WOMEN'S FISHING ON KOSRAE: A DESCRIPTION OF PAST AND PRESENT METHODS. *Micronesica* 25(1):1-22. 1992. FR 38(1)
[Sea Grant Ext. Serv., Univ. Hawaii, Manoa, Honolulu]

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93-001934 Doherty, Peter and Simon Thorrold. DISTRIBUTION AND ABUNDANCE OF SOME SCOMBROID FISHES IN THE CENTRAL SECTION OF THE GREAT BARRIER REEF. *Proc. Annu. Tuna Conf.* No. 42. p. 14. 1991. Abstract only. FR 38(1)
[Australian Inst. Mar. Sci., PMB 3, Townsville, Qld. 4810, Australia]

93-001935 Doumenge, Francois. 30 YEARS OF FRENCH SCIENTIFIC RESEARCH IN THE PACIFIC (1960-1990). *Bull. Inst. Oceanogr. (Monaco)* 74(1439):1-17. 1991. In French and English. FR 38(1)
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93-001936 Dudley, Richard G.; Arundhati Prabhakar Aghanashinikar and Edward B. Brothers. MANAGEMENT OF THE INDO-PACIFIC SPANISH MACKEREL (*SCOMBEROMORUS COMMERSON*) IN OMAN. *Fish. Res. (Amst.)* 15(1-2):17-43. 1992. FR 38(1)
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93-001937 Dulepova, E. P. and L. A. Borets. [COMPOSITION, TROPHIC STRUCTURE AND PRODUCTIVITY OF BOTTOM COMMUNITIES IN A SHELF OF THE OKHOTSK SEA.] *Izv. Pac. Res. Inst. Fish. Oceanogr. (TINRO)* No. 111. p. 39-48. 1990. In Russian with English summ. FR 38(1)

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93-001939 F.I.O.M. [REPORT OF 1991 COMMERCIAL EXPORTS OF OCEAN PRODUCTS.] *Equinoxe* No. 38. p. 4-13. 1992. In French. FR 38(1)

93-001940 Fang, Lee-Shing. A THEORETICAL APPROACH OF ESTIMATING THE PRODUCTIVITY OF ARTIFICIAL REEF. *Acta Zool. Taiwanica* 3(1):5-10. 1992. In English with Chinese summ. FR 38(1)
[Dep. Mar. Resour., Natl. Sun Yat-Sen Univ., Kaohsiung, Taiwan 80424]

93-001941 Fortier, Louis; Maurice E. Levasseur; Rene Drolet and Jean-Claude Therriault. EXPORT PRODUCTION AND THE DISTRIBUTION OF FISH LARVAE AND THEIR PREY IN A COASTAL JET FRONTAL REGION. *Mar. Ecol. Prog. Ser.* 85(3):203-218. 1992. FR 38(1)
[Dep. Biol., Univ. Laval, Ste-Foy, PQ, Canada G1K 7P4] *Mallotus villosus, Ammodytes, Sebastes*, and *Stichaeus punctatus* in Canada.

93-001942 Gordoa, Ana and Carlos M. Duarte. SIZE-DEPENDENT DENSITY OF THE DEMERSAL FISH OFF NAMIBIA: PATTERNS WITHIN AND AMONG SPECIES. *Can. J. Fish. Aquat. Sci.* 49(10):1990-1993. 1992. In English with French summ. FR 38(1)
[Inst. Cienc. Mar, Paseo Nac. s/n, 08039 Barcelona, Spain] Data for 40 species.

93-001943 Gregoire, Francois and Kelly Fitzgerald. ANALYSIS OF ATLANTIC MACKEREL (*SCOMBER SCOMBRUS* L.) CATCH DATA GATHERED BY A FISHERMAN IN DINGWALL, NOVA SCOTIA, FROM 1983 TO 1990. *Can. Ind. Rep. Fish. Aquat. Sci.* No. 210. 19p. 1991. FR 38(1)
[Fish. Res. Div., Dep. Fish. & Oceans, Maurice-Lamontagne Inst., P.O. Box 1000, 850 Rt. de la Mer, Mont-Joli, PQ, Canada G5H 3Z4]

93-001944 Grobecker, David B. SUMMARY OF INFORMATION NEEDS CONCERNING BILLFISH MANAGEMENT. *Proc. Annu. Tuna Conf.* No. 40. p. 11. 1989. Abstract only. FR 38(1)
[Pac. Gamefish Res. Found., 74-425 Kealakehe Pkwy. #15, Kailua-Kona, HI 96740]

93-001945 Groundfish Management Team. STATUS OF THE PACIFIC COAST GROUNDFISH FISHERY THROUGH 1992 AND RECOMMENDED ACCEPTABLE BIOLOGICAL CATCHES FOR 1993: STOCK ASSESSMENT AND FISHERY EVALUATION. *Pac. Fish. Manage. Counc.* 80p. Oct. 1992. FR 38(1)
[Metro Cent., Suite 420, 2000 S.W. First Ave., Portland, OR 97201] Data for 17 species.

93-001946 Guitart, D. J. [SOME CHARACTERISTICS OF ICHTHYOPLANKTON ON THE SOUTHWESTERN ZONE (ZONE "B") OF THE CUBAN SHELF.] *Cienc. Biol. Acad. Cienc. Cuba* No. 2. p. 91-108. 1978. In Spanish with English summ. FR 38(1)
[Inst. Oceanol., Acad. Cienc. Cuba, Cuba]

93-001947 Guitart, Dario J.; Mar Juarez and Jose F. Milera. [ANALYSIS OF THE BILLFISH TOURNAMENTS (PISCES: GENUS *ISTIOPHORUS, TETRAPTURUS, MAKAIRA*) IN THE NORTHWEST REGION OF CUBA.] *Cienc. Biol. Acad. Cienc. Cuba* No. 6. p. 125-142. 1981. In Spanish with English summ. FR 38(1)
[Inst. Oceanol., Acad. Cienc. Cuba, Havana, Cuba]

93-001948 Gutierrez, Elena and Dalia Salabarria. [DISTRIBUTION AND ABUNDANCE OF FISH EGGS AND LARVAE IN THE SOUTHEASTERN REGION OF THE CUBAN SHELF (ZONE A).] *Cienc. Biol. Acad. Cienc. Cuba* No. 7. p. 71-86. 1982. In Spanish with English summ. FR 38(1)
[Inst. Oceanol., Acad. Cienc., Cuba]

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[Dep. Fish & Game, 2201 Garden Rd., Monterey, CA 93940] *Anoplopoma fimbria.*

93-001950 Healey, M. C. and J. F. T. Morris. THE RELATIONSHIP BETWEEN THE DISPERSION OF SALMON FISHING VESSELS AND THEIR CATCH. *Fish. Res. (Amst.)* 15(1-2):135-145. 1992. FR 38(1)
[Westwater Res. Cent., Univ. British Columbia, 1933 W. Mall Annex, Vancouver, BC, Canada V6T 1Z2] *Oncorhynchus tshawytscha* and *O. kisutch* in Canada.

93-001951 Hey, Ellen. A HEALTHY NORTH SEA ECOSYSTEM AND A HEALTHY NORTH SEA FISHERY: TWO SIDES OF THE SAME REGULATION? *Ocean Dev. Int. Law* 23(2-3):217-238. 1992. FR 38(1)
[Erasmus Univ., Rotterdam, Netherlands]

93-001952 Hinton, Michael G., editor. PROCEEDINGS OF THE 40th ANNUAL TUNA CONFERENCE, MAY 1989. *Proc. Annu. Tuna Conf.* No. 40. 59p. 1989. FR 38(1)
[Inter-Am. Trop. Tuna Comm., c/o Scripps Inst. Oceanogr., A-003, La Jolla, CA 92037] Individual papers indexed in this issue of *Fisheries Review.*

93-001953 Hinton, Michael G. BILLFISH CATCH IN THE EASTERN-PACIFIC TUNA FISHERY. *Proc. Annu. Tuna Conf.* No. 42. p. 22. 1991. Abstract only. FR 38(1)
[Inter-Am. Trop. Tuna Comm., Scripps Inst. Oceanogr., 8604 La Jolla Shores Dr., La Jolla, CA 92037] *Tetrapturus audax, T. angustirostris, Makaira nigricans, M. indica, Istiophorus platypterus,* and *Xiphias gladius.*

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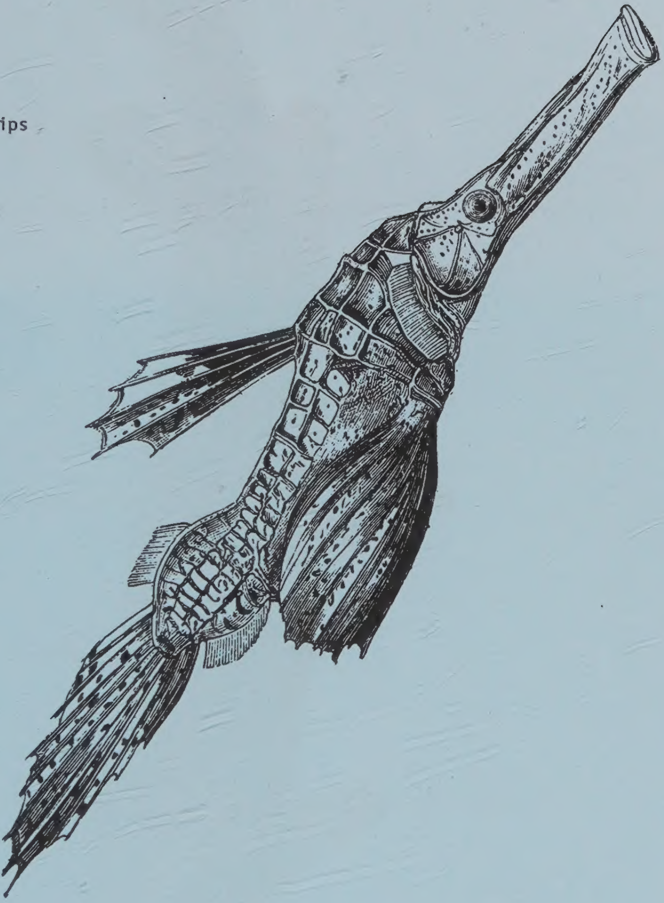

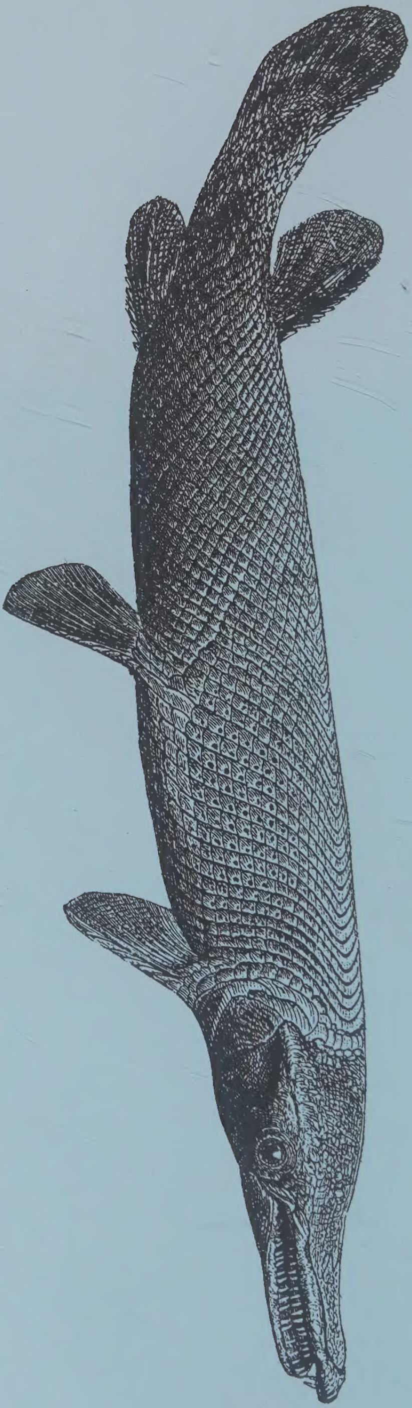

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